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List of Publications by Year
in descending order

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90 papers	1,277 citations	361413 20 h-index	477307 29 g-index
91 all docs	91 docs citations	91 times ranked	1289 citing authors

#	Article	IF	Citations
1	Chlorobenzene degeradation by non-thermal plasma combined with EG-TiO2/ZnO as a photocatalyst: Effect of photocatalyst on CO2 selectivity and byproducts reduction. Journal of Hazardous Materials, 2017, 324, 544-553.	12.4	65
2	Adsorptive removal of toluene and carbon tetrachloride from gas phase using Zeolitic Imidazolate Framework-8: Effects of synthesis method, particle size, and pretreatment of the adsorbent. Microporous and Mesoporous Materials, 2018, 268, 58-68.	4.4	63
3	Decomposition of chlorinated volatile organic compounds (CVOCs) using NTP coupled with TiO2/GAC, ZnO/GAC, and TiO2â€“ZnO/GAC in a plasma-assisted catalysis system. Journal of Electrostatics, 2015, 73, 80-88.	1.9	53
4	A needle trap device packed with a solâ€“gel derived, multi-walled carbon nanotubes/silica composite for sampling and analysis of volatile organohalogen compounds in air. Analytica Chimica Acta, 2013, 785, 67-74.	5.4	49
5	A novel needle trap device with single wall carbon nanotubes solâ€“gel sorbent packed for sampling and analysis of volatile organohalogen compounds in air. Talanta, 2012, 101, 314-321.	5.5	42
6	Development of a needle trap device packed with zinc based metal-organic framework sorbent for the sampling and analysis of polycyclic aromatic hydrocarbons in the air. Microchemical Journal, 2019, 148, 346-354.	4.5	37
7	Graphene packed needle trap device as a novel field sampler for determination of perchloroethylene in the air of dry cleaning establishments. Talanta, 2015, 131, 142-148.	5.5	34
8	Determination of urinary trans,trans-muconic acid using molecularly imprinted polymer in microextraction by packed sorbent followed by liquid chromatography with ultraviolet detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1061-1062, 65-71.	2.3	30
9	Plasma-photocatalytic degradation of gaseous toluene using SrTiO3/rGO as an efficient heterojunction for by-products abatement and synergistic effects. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 394, 112460.	3.9	30
10	Treatment of Benzene, Toluene and Xylene Contaminated Air in a Bioactive Foam Emulsion Reactor. Chinese Journal of Chemical Engineering, 2010, 18, 113-121.	3.5	29
11	Ionâ€pairâ€based hollowâ€fiber liquidâ€phase microextraction combined with highâ€performance liquid chromatography for the simultaneous determination of urinary benzene, toluene, and styrene metabolites. Journal of Separation Science, 2018, 41, 501-508.	2.5	29
12	Comparison of Benzene Exposure in Drivers and Petrol Stations Workers by Urinary trans,trans-Muconic Acid in West of Iran. Industrial Health, 2007, 45, 396-401.	1.0	27
13	Development of Carbotrap B-packed needle trap device for determination of volatile organic compounds in air. Journal of Chromatography A, 2017, 1527, 33-42.	3.7	26
14	Selective determination of mandelic acid in urine using molecularly imprinted polymer in microextraction by packed sorbent. Archives of Toxicology, 2018, 92, 213-222.	4.2	26
15	Phase distribution and risk assessment of PAHs in ambient air of Hamadan, Iran. Ecotoxicology and Environmental Safety, 2021, 209, 111807.	6.0	26
16	The association Between Occupational Exposure to silica and Risk of Developing Rheumatoid Arthritis: A Meta-Analysis. Safety and Health at Work, 2020, 11, 136-142.	0.6	25
17	Distribution of Volatile Organic Compounds in Ambient Air of Tehran. Archives of Environmental Health, 2001, 56, 380-383.	0.4	24
18	Application of graphene nanoplatelets silica composite, prepared by sol-gel technology, as a novel sorbent in two microextraction techniques. Journal of Separation Science, 2015, 38, 4225-4232.	2.5	24

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19	Development of Hollow-Fiber Liquid-Phase Microextraction Method for Determination of Urinary trans, trans-Muconic Acid as a Biomarker of Benzene Exposure. Analytical Chemistry Insights, 2016, 11, ACI.S40177.	2.7	24
20	Determination of urinary methylhippuric acids using <scp>MIL</scp>â€53â€<scp>NH</scp>₂ (<scp>Al</scp>) metalâ€“organic framework in microextraction by packed sorbent followed by <scp>HPLC</scp>â€“<scp>UV</scp> analysis. Biomedical Chromatography, 2020, 34, e4725.	1.7	24
21	Facile and sensitive determination of urinary mandelic acid by combination of metal organic frameworks with microextraction by packed sorbents. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1114-1115, 45-54.	2.3	23
22	A novel core-shell structured Î±-Fe2O3/Cu/g-C3N4 nanocomposite for continuous photocatalytic removal of air ethylbenzene under visible light irradiation. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 399, 112643.	3.9	22
23	Analysis of xylene in aqueous media using needleâ€trap microextraction with a carbon nanotube sorbent. Journal of Separation Science, 2014, 37, 1850-1855.	2.5	20
24	Effects of Post-Synthesis Activation and Relative Humidity on Adsorption Performance of ZIF-8 for Capturing Toluene from a Gas Phase in a Continuous Mode. Applied Sciences (Switzerland), 2018, 8, 310.	2.5	20
25	Application of a needle trap device packed with XAD-2 polyaniline composite for sampling naphthalene and phenanthrene in air. Journal of Chromatography A, 2019, 1602, 74-82.	3.7	18
26	Development of a needle trap device packed with titaniumâ€based metalâ€organic framework sorbent for extraction of phenolic derivatives in air. Journal of Separation Science, 2020, 43, 1011-1018.	2.5	18
27	Field application of SPME as a novel tool for occupational exposure assessment with inhalational anesthetics. Environmental Monitoring and Assessment, 2012, 184, 6483-6490.	2.7	17
28	Hollow-fiber liquid-phase microextraction based on carrier-mediated transport for determination of urinary methyl hippuric acids. Toxicological and Environmental Chemistry, 2017, 99, 760-771.	1.2	17
29	Determination of BTEX in urine samples using cooling/heating-assisted headspace solid-phase microextraction. Chemical Papers, 2017, 71, 1829-1838.	2.2	17
30	A needle trap device packed with MILâ€100(Fe) metal organic frameworks for efficient headspace sampling and analysis of urinary BTEXs. Biomedical Chromatography, 2020, 34, e4800.	1.7	17
31	Oxidative Stress Biomarkers in Exhaled Breath of Workers Exposed to Crystalline Silica Dust by SPME-GC-MS. Journal of Research in Health Sciences, 2016, 16, 153-161.	1.0	17
32	Determination of Exposure to Respirable Quartz in the Stone Crushing Units at Azendarian-West of Iran. Industrial Health, 2008, 46, 404-408.	1.0	16
33	Solid-phase microextraction fiber development for sampling and analysis of volatile organohalogen compounds in air. Journal of Environmental Health Science & Engineering, 2014, 12, 123.	3.0	15
34	Decomposition of gas-phase chloroform using nanophotocatalyst downstream the novel non-thermal plasma reactor: by-products elimination. International Journal of Environmental Science and Technology, 2015, 12, 3489-3498.	3.5	15
35	Application of Local Exhaust Ventilation System and Integrated Collectors for Control of Air Pollutants in Mining Company. Industrial Health, 2012, 50, 450-457.	1.0	14
36	Hollow Fiber Supported Liquid Membrane Extraction Combined with HPLC-UV for Simultaneous Preconcentration and Determination of Urinary Hippuric Acid and Mandelic Acid. Membranes, 2017, 7, 8.	3.0	14

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37	Application of needle trap device packed with Amberlite XAD-2 resin prepared by sol-gel method for reproducible sampling of aromatic amines in air. Microchemical Journal, 2018, 143, 127-132.	4.5	14
38	Application of zirconium-based metalâ€“organic frameworks for micro-extraction by packed sorbent of urinary trans, trans-muconic acid. Journal of the Iranian Chemical Society, 2020, 17, 2345-2358.	2.2	14
39	Sensitive determination of urinary muconic acid using magnetic dispersive-solid-phase extraction by magnetic amino-functionalised UiO-66. International Journal of Environmental Analytical Chemistry, 2022, 102, 885-898.	3.3	14
40	Characteristics and health effects of potentially pathogenic bacterial aerosols from a municipal solid waste landfill site in Hamadan, Iran. Journal of Environmental Health Science & Engineering, 2021, 19, 1057-1067.	3.0	14
41	Enhanced performance of non-thermal plasma coupled with TiO2/GAC for decomposition of chlorinated organic compounds: influence of a hydrogen-rich substance. Journal of Environmental Health Science & Engineering, 2014, 12, 119.	3.0	13
42	Photocatalytic degradation of volatile chlorinated organic compounds with ozone addition. Archives of Environmental Protection, 2017, 43, 65-72.	1.1	13
43	Î±-Fe2O3/Ag/g-C3N4 Core-Discontinuous Shell Nanocomposite as an Indirect Z-Scheme Photocatalyst for Degradation of Ethylbenzene in the Air Under White LEDs Irradiation. Catalysis Letters, 2020, 150, 3455-3469.	2.6	12
44	Investigation of qualitative and quantitative of volatile organic compounds of ambient air in the Mahshahr Petrochemical Complex in 2009. Journal of Research in Health Sciences, 2013, 13, 69-74.	1.0	12
45	Effect of TiO₂-ZnO/GAC on by-product distribution of CVOCs decomposition in a NTP-assisted catalysis system. Polish Journal of Chemical Technology, 2015, 17, 32-40.	0.5	11
46	Multivariate optimization of the hollow fiber-based liquid phase microextraction of lead in human blood and urine samples using graphite furnace atomic absorption spectrometry. Chemical Papers, 2018, 72, 1945-1952.	2.2	11
47	Risk Assessment of Workers' Exposure to Volatile Organic Compounds in the Air of a Petrochemical Complex in Iran. Indian Journal of Occupational and Environmental Medicine, 2017, 21, 121.	0.2	11
48	Performance catalytic ozonation over the carbosieve in the removal of toluene from waste air stream. Journal of Research in Health Sciences, 2014, 14, 227-32.	1.0	10
49	Development of diffusive solid phase microextraction method for sampling of epichlorohydrin in air. International Journal of Environmental Analytical Chemistry, 2012, 92, 1365-1377.	3.3	9
50	SPME-based air sampling method for inhalation exposure assessment studies: case study on perchlorethylene exposure in dry cleaning. Environmental Monitoring and Assessment, 2013, 185, 4933-4941.	2.7	9
51	UIO-66-NH2 Packed Needle Trap for Accurate and Reliable Sampling and Analysis of the Halogenated Volatile Organic Compounds in Air. International Journal of Environmental Analytical Chemistry, 2021, 101, 263-280.	3.3	9
52	Enhanced photocatalytic activity of hydrothermally synthesised SrTiO₃/rGO for gaseous toluene degradation in the air: modelling and process optimisation using response surface methodology. International Journal of Environmental Analytical Chemistry, 2022, 102, 222-242.	3.3	9
53	Application of Fe3O4@TbBd nanobeads in microextraction by packed sorbent (MEPS) for determination of BTEXs biomarkers by HPLCâ€“UV in urine samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2022, 1197, 123197.	2.3	9
54	Determination of Inhalational Anesthetics in Field and Laboratory by SPME GC/MS. Analytical Letters, 2012, 45, 375-385.	1.8	8

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55	Rapid analysis of trans,trans-muconic acid in urine using microextraction by packed sorbent. Toxicology and Environmental Health Sciences, 2017, 9, 317-324.	2.1	8
56	Efficient removal of gaseous toluene by the photoreduction of Cu/Zn-BTC metal-organic framework under visible-light. Optik, 2021, 247, 167841.	2.9	8
57	Single-walled carbon nanotube/silica composite as a novel coating for solid-phase microextraction fiber based on sol-gel technology. Journal of Analytical Chemistry, 2015, 70, 1192-1198.	0.9	7
58	Determination of benzene, toluene, ethylbenzene and xylene in field and laboratory by means of cold fiber SPME equipped with thermoelectric cooler and GC/FID method. Polish Journal of Chemical Technology, 2017, 19, 9-15.	0.5	7
59	Investigation of seasonal variation and probabilistic risk assessment of BTEX emission in municipal solid waste transfer station. International Journal of Environmental Analytical Chemistry, 2022, 102, 6626-6639.	3.3	7
60	Isoconcentration mapping of particulate matter in <scp>H</scp>amedan intercity bus stations. Water and Environment Journal, 2013, 27, 418-424.	2.2	6
61	Determination of Toluene by Needle Trap Micro-Extraction with Carbon Nanotube Sol-Gel and Polydimethylsiloxane Sorbents. Analytical Letters, 2014, 47, 2165-2172.	1.8	6
62	Effect of TiO₂/GAC and water vapor on chloroform decomposition in a hybrid plasma-catalytic system. Environmental Technology (United Kingdom), 2018, 39, 2041-2050.	2.2	6
63	Evaluation of benzene exposure in adults and urinary s-phenylmercapturic acid in children living in Adelaide, South Australia. International Journal of Environmental Science and Technology, 2006, 3, 113-117.	3.5	5
64	Preparation of Carbotrap/silica composite for needle trap field sampling of halogenated volatile organic compounds followed by gas chromatography/mass spectrometry determination. Journal of Environmental Health Science & Engineering, 2019, 17, 1045-1053.	3.0	5
65	Comparison of Urinary o-Cresol and Hippuric Acid in Drivers, Gasoline Station Workers and Painters Exposed to Toluene in West of Iran. Pakistan Journal of Biological Sciences, 2005, 8, 1001-1005.	0.5	4
66	Evaluation of Volatile Organic Compounds at Petrochemical Complexes in Iran. Health Scope, 2017, In Press, .	0.6	4
67	Pesticide residues levels as hematological biomarkersâ€"a case study, blood serum of greenhouse workers in the city of Hamadan, Iran. Environmental Science and Pollution Research, 2022, 29, 38450-38463.	5.3	4
68	Co₃O₄@Zn-BTC MOF as a novel nano-photocatalyst for degradation of toluene from ambient air. International Journal of Environmental Analytical Chemistry, 0, , 1-19.	3.3	4
69	Application of Traditional Cyclone with Spray Scrubber to Remove Airborne Silica Particles Emitted from Stone-crushing Factories. Industrial Health, 2009, 47, 436-442.	1.0	3
70	A review of new adsorbents for separation of BTEX biomarkers. Biomedical Chromatography, 2021, 35, e5131.	1.7	3
71	Risk assessment of imidacloprid and dichlorvos associated with dermal and inhalation exposure in cucumber greenhouse applicators: A cross-sectional study in Hamadan, Iran. International Journal of Environmental Analytical Chemistry, 2023, 103, 575-590.	3.3	3
72	Development of a Needle Trap Device Packed with HKUST-1 Sorbent for Sampling and Analysis of BTEX in Air. Chemistry and Chemical Technology, 2022, 16, 314-327.	1.1	3

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73	Development of a thermal desorption method for the analysis of particle associated polycyclic aromatic hydrocarbons in ambient air. International Journal of Environmental Science and Technology, 2004, 1, 165-169.	3.5	2
74	Evaluation of a novel hollow fiber membrane technique for collection of 1,1-dimethylhydrazine in air. Environmental Monitoring and Assessment, 2018, 190, 479.	2.7	2
75	Comparing formaldehyde risk assessment in histopathology laboratory staff using three methods based on US EPA approaches in the west of Iran. International Journal of Occupational Safety and Ergonomics, 2022, 28, 1066-1076.	1.9	2
76	Do bullae and emphysema increase risk of pneumothorax in silicosis?. Indian Journal of Industrial Medicine, 2007, 11, 108.	0.4	2
77	Development of Membrane Hollow Fiber for Determination of Maleic Anhydride in Ambient Air as a Field Sampler. Annals of Work Exposures and Health, 2019, 63, 797-805.	1.4	1
78	Determination of trans, trans-muconic acid in Children Living in Adelaide Based on HPLC Developed Method. Pakistan Journal of Biological Sciences, 2005, 8, 1703-1706.	0.5	1
79	Design, implementation, and evaluation of industrial ventilation systems and filtration for silica dust emissions from a mineral processing company. Indian Journal of Occupational and Environmental Medicine, 2021, 25, 192.	0.2	1
80	Study on the performance of wet electroscrubber in purifying airborne particles. Journal of Research in Health Sciences, 2013, 13, 135-42.	1.0	1
81	Evaluation of SARS-CoV-2 in Indoor Air of Sina and Shahid Beheshti Hospitals and Patients' Houses. Food and Environmental Virology, 2022, 14, 190-198.	3.4	1
82	Hollow polymer nanospheres (HPSs) as the adsorbent in microextraction by packed sorbent (MEPS) for determining BTEXs chief metabolites in urine samples. Journal of the Iranian Chemical Society, 0, , .	2.2	1
83	NO2 catalytic removal by nickel catalyst supported on multi-walled carbon nanotubes. International Journal of Environmental Studies, 2021, 78, 427-443.	1.6	0
84	Development of Solid Phase Microextraction for Determination of Carbon tetrachloride and Chloroform in Air by Gas Chromatography-Mass Spectrometry. MuhandisÄ«-i BihdÄsht-i á¸¥irfah/Ä«, 2016, 3, 17-24.	0.2	0
85	Developed a needle trap device with PDMS sorbent for microextraction of toluene and methyl ethyl ketone from aquatic samples using dynamic headspace. MuhandisÄ«-i BihdÄsht-i á¸¥irfah/Ä«, 2016, 3, 41-46.	0.2	0
86	The Effects of Environmental Parameters on Air Sampling with SPME from Halogenated Hydrocarbons. Health Scope, 2016, 6, .	0.6	0
87	The Effects of Environmental Parameters on Air Sampling with SPME from Halogenated Hydrocarbons. Health Scope, 2016, In press, .	0.6	0
88	Developing a Method for Determination of Urinary Delta-Amino-Levulinic Acid using Molecularly Imprinted Polymers. Chemistry and Chemical Technology, 2020, 14, 334-342.	1.1	0
89	Application of Artificial Neural Network and Response Surface Methodology in Optimization of Cold Fiber Headspace Solid-Phase Microextraction (CF-HS-SPME) for Analysis of 2, 5-Hexandion in Urine Samples. Jundishapur Journal of Health Sciences, 2020, 12, .	0.2	0
90	Quantitative evaluation of chemical fume hoods performance by CO2 tracer gas. Work, 2022, 71, 771-778.	1.1	0